



Update _2_0_132

Clinical Reminders

COVID-19 INPATIENT PROVIDER TEMPLATES

Install Guide

June 2020

Product Development
Office of Information Technology
Department of Veterans Affairs

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Introduction

DESCRIPTION:

Attached to this communication are a CPRS COVID-19 templated Admission H&P and a COVID-19 Inpatient Progress Note, to be used in the care of known or suspected COVID-19 patients. They have been developed in collaboration with clinical hospital medicine leadership to achieve two primary goals: to ensure all sites have access to the same CPRS tools and to document several important COVID-specific health factors considered integral to patient management across the outpatient-inpatient-post-acute care continuum.

UPDATE_2_0_132 contains 1 Reminder Exchange entry:

UPDATE_2_0_132 COVID-19 INPATIENT PROVIDER TEMPLATES

The exchange file contains the following components:

GMRV VITAL TYPE

- PULSE OXIMETRY
- RESPIRATION
- BLOOD PRESSURE
- PULSE
- TEMPERATURE

TIU TEMPLATE FIELD

- 1 VA-WORD
- 2 VA-SOFA SCORE
- 3 TEXT (1-30 CHAR)

HEALTH FACTORS

- 4 VA-REMINDER UPDATES
- 5 VA-UPDATE_2_0_132
- 6 VA-COVID-19
- 7 VA-COVID-19 ROS OTHER
- 8 VA-COVID-19 ROS GI
- 9 VA-COVID-19 ROS CV
- 10 VA-COVID-19 ROS RESP
- 11 VA-COVID-19 ROS ENT
- 12 VA-COVID-19 ROS GENERAL
- 13 VA-COVID-19 DATE OF SYMPTON ONSET
- 14 VA-COVID-19 MED HX HOMELESSNESS
- 15 VA-COVID-19 MED HX OBESITY
- 16 VA-COVID-19 MED HX BREASTFEEDING
- 17 VA-COVID-19 MED HX OTHER
- 18 VA-COVID-19 MED HX CANCER
- 19 VA-COVID-19 MED HX HTN

- 20 VA-COVID-19 MED HX PREGNANCY
- 21 VA-COVID-19 MED HX IMMUNOCOMPROMISED
- 22 VA-COVID-19 MED HX LIVER DISEASE
- 23 VA-COVID-19 MED HX CKD
- 24 VA-COVID-19 MED HX DIABETES
- 25 VA-COVID-19 MED HX HEART DISEASE
- 26 VA-COVID-19 MED HX LUNG DISEASE
- 27 VA-COVID-19 MED HX AGE
- 28 VA-COVID-19 INPATIENT SOFA SCORE
- 29 VA-ADMISSION FAMILY POA

REMINDER COMPUTED FINDINGS VA-SEX

- #### REMINDER TERM
- 30 VA-REMINDER UPDATE_2_0_132
 - 31 VA-SEX MALE

- #### REMINDER DIALOG
- 32 VA-COVID-19 INPATIENT ADMISSION H&P
 - 33 VA-COVID-19 INPATIENT PROVIDER

HEALTH SUMMARY COMPONENT LAB TESTS SELECTED VITAL SIGNS SELECTED

- #### HEALTH SUMMARY TYPE
- 34 INFLUENZA LAB RESULTS
 - 35 COVID19 LAB RESULTS
 - 36 VA-RECENT VITALS

- #### HEALTH SUMMARY OBJECTS
- 37 INFLUENZA LAB RESULTS (TIU)
 - 38 COVID19 LAB RESULTS (TIU)
 - 39 VA-RECENT VITALS (TIU)

- #### TIU DOCUMENT DEFINITION
- 40 INFLUENZA LAB RESULTS
 - 41 COVID19 LAB RESULTS
 - 42 VA-RECENT VITALS

Install Details

This update is being distributed as a web host file. The address for the host file is:
https://Redacted/UPDATE_2_0_132.PRD

The file will be installed using Reminder Exchange, programmer access is not required.

This update is also being distributed as a vista mailman message. The mailman message will be titled **UPDATE 132**.

Installation:

=====

This update can be loaded with users on the system. Installation will take less than 10 minutes.

Install Example

To Load the Web Host File. Navigate to Reminder exchange in Vista

```
+          + Next Screen  - Prev Screen  ?? More Actions  >>>
CFE Create Exchange File Entry  LHF Load Host File
CHF Create Host File            LMM Load MailMan Message
CMM Create MailMan Message      LR  List Reminder Definitions
DFE Delete Exchange File Entry  LWH Load Web Host File
IFE Install Exchange File Entry  RI  Reminder Definition Inquiry
IH  Installation History         RP  Repack
Select Action: Next Screen// LWH Load Web Host File
Input the URL for the .prd file: https://[REDACTED]/UPDATE_2_0_132.PRD
```

At the **Select Action:** prompt, enter **LWH** for Load Web Host File

At the **Input the url for the .prd file:** prompt, type the following web address:

https://Redacted/UPDATE_2_0_132.PRD

You should see a message at the top of your screen that the file loaded successfully.

```
https://[REDACTED] UPDATE_2_0_132.PRD successfully loaded.
```

If you are unable to load web host file, you will use vista mail to install the exchange file and use the LMM load Mailman Message Option. The subject of the email will be UPDATE 132. You will see a message similar to this one.

```
MailMan message 131677 successfully loaded.
```

Search and locate an entry titled **UPDATE_2_0_132 COVID-19 INPATIENT PROVIDER TEMPLATES** in reminder exchange.

+Item	Entry	Source	Date Packed
93	UPDATE_2_0_132 COVID-19 INPATIENT PROVIDER TEMPLATES		06/11/2020@08:42
94	UPDATE_2_0_133 VA-COVID-19 OUTSIDE TEST RESULTS		04/16/2020@07:02
95	UPDATE_2_0_133 VA-COVID-19 OUTSIDE TEST RESULTS		04/16/2020@14:54
96	UPDATE_2_0_134 VA-COVID-19 CPRS STATUS VERSION 2		04/20/2020@13:54
97	UPDATE_2_0_136 VA-COVID-19 CPRS STATUS VERSION 3		04/27/2020@10:32

+	+ Next Screen	- Prev Screen	?? More Actions	>>>
CFE	Create Exchange File Entry	LHF	Load Host File	
CHF	Create Host File	LMM	Load MailMan Message	
CHM	Create MailMan Message	LR	List Reminder Definitions	
DFE	Delete Exchange File Entry	LWH	Load Web Host File	
IFE	Install Exchange File Entry	RI	Reminder Definition Inquiry	
IH	Installation History	RP	Repack	

Select Action: Next Screen// ife Install Exchange File Entry
 Enter a list or range of numbers (1-350): 93

At the **Select Action** prompt, enter **IFE** for Install Exchange File Entry
 Enter the number that corresponds with your entry UPDATE_2_0_132 COVID-19 INPATIENT PROVIDER TEMPLATES (in this example it is entry 93 it will vary by site). The date of the exchange file should be 06/11/2020.

Component	Category	Exists
Source: [REDACTED]		
Date Packed: 06/11/2020@08:42:58		
Package Version: 2.0P35		
Description:		
The following Clinical Reminder items were selected for packing:		
REMINDER DIALOG		
VA-COVID-19 INPATIENT ADMISSION H&P		
VA-COVID-19 INPATIENT PROVIDER		
REMINDER TERM		
VA-REMINDER UPDATE_2_0_132		
Keywords:		
Components:		
+ Enter ?? for more actions >>>		
IA	Install all Components	IS Install Selected Component
Select Action: Next Screen// IA		

At the **Select Action** prompt, type **IA** for Install all Components and hit enter.

Select Action: Next Screen// **IA Install all Components**

You will see several prompts, for all new entries you will choose **I to Install**

For Health Summary Type named COVID19 LAB RESULTS, use SKIP action so you do not lose your mappings in the SLT Health Summary Component

For components that already exists but the packed component is different, use **OVERWRITE** action.

For components that are new use **INSTALL** action

You will be prompted to install the reminder first dialog component – VA-COVID-19 INPATIENT ADMISSION H&P

```

Packed reminder dialog: VA-COVID-19 INPATIENT ADMISSION H&P [NATIONAL DIALOG]
+-----+-----+-----+-----+-----+
Item  Seq.  Dialog Findings                                     Type  Exists
-----+-----+-----+-----+-----+
  1    VA-COVID-19 INPATIENT ADMISSION H&P           dialog
  2    5 VA-COVID-19 INPATIENT ADMISSION H&P VERSION   element
      Finding: *NONE*
  3    7 VA-COVID-19 INPATIENT ABBREVIATIONS         element
      Finding: *NONE*
  4    10 VA-COVID-19 INPATIENT RESIDENT              element
      Finding: *NONE*
  5    PXR COMMENT                                    prompt  X
  6    15 VA-COVID-19 INPATIENT DASH LINE            element
      Finding: *NONE*
+-----+-----+-----+-----+-----+
+      + Next Screen  - Prev Screen  ?? More Actions
DD  Dialog Details  DT  Dialog Text   IS  Install Selected
DF  Dialog Findings  DU  Dialog Usage  QU  Quit
DS  Dialog Summary  IA  Install All
Select Action: Next Screen// IA
  
```

At the **Select Action** prompt, type **IA** to install the dialog – **VA-COVID-19 INPATIENT ADMISSION H&P**

Select Action: Next Screen// **IA Install All**

Install reminder dialog and all components with no further changes: Y// **Yes**

VA-COVID-19 INPATIENT ADMISSION H&P (reminder dialog) installed from exchange fi

Item	Seq.	Dialog Findings	Type	Exists
1		VA-COVID-19 INPATIENT ADMISSION H&P	dialog	X
2	5	VA-COVID-19 INPATIENT ADMISSION H&P VERSION Finding: *NONE*	element	X
3	7	VA-COVID-19 INPATIENT ABBREVIATIONS Finding: *NONE*	element	X
4	10	VA-COVID-19 INPATIENT RESIDENT Finding: *NONE*	element	X
5		PXRM COMMENT	prompt	X
6	15	VA-COVID-19 INPATIENT DASH LINE Finding: *NONE*	element	X

+ + Next Screen - Prev Screen ?? More Actions					
DD	Dialog Details	DT	Dialog Text	IS	Install Selected
DF	Dialog Findings	DU	Dialog Usage	QU	Quit
DS	Dialog Summary	IA	Install All		

Select Action: Next Screen// Q

After completing this dialog install, you will type Q.

You will then be prompted to install the reminder second dialog component – VA-COVID-19 INPATIENT PROVIDER

Packed reminder dialog: VA-COVID-19 INPATIENT PROVIDER [NATIONAL DIALOG]

Item	Seq.	Dialog Findings	Type	Exists
1		VA-COVID-19 INPATIENT PROVIDER	dialog	
2	5	VA-COVID-19 INPATIENT PROVIDER VERSION NUMBER Finding: *NONE*	element	
3	7	VA-COVID-19 INPATIENT ABBREVIATIONS Finding: *NONE*	element	X
4	10	VA-COVID-19 INPATIENT RESIDENT Finding: *NONE*	element	X
5		PXRM COMMENT	prompt	X
6	15	VA-COVID-19 INPATIENT DASH LINE Finding: *NONE*	element	X

+	+ Next Screen	- Prev Screen	?? More Actions
DD	Dialog Details	DT	Dialog Text
DF	Dialog Findings	DU	Dialog Usage
DS	Dialog Summary	IA	Install All
	IS		Install Selected
	QU		Quit

Select Action: Next Screen// IA

At the **Select Action** prompt, type **IA** to install the dialog – **VA-COVID-19 INPATIENT PROVIDER**

Select Action: Next Screen// **IA Install All**

Install reminder dialog and all components with no further changes: Y// **Yes**

VA-COVID-19 INPATIENT PROVIDER (reminder dialog) installed from exchange file.

Item	Seq.	Dialog Findings	Type	Exists
1		VA-COVID-19 INPATIENT PROVIDER	dialog	X
2	5	VA-COVID-19 INPATIENT PROVIDER VERSION NUMBER Finding: *NONE*	element	X
3	7	VA-COVID-19 INPATIENT ABBREVIATIONS Finding: *NONE*	element	X
4	10	VA-COVID-19 INPATIENT RESIDENT Finding: *NONE*	element	X
5		PXRM COMMENT	prompt	X
6	15	VA-COVID-19 INPATIENT DASH LINE Finding: *NONE*	element	X

+ + Next Screen - Prev Screen ?? More Actions					
DD	Dialog Details	DT	Dialog Text	IS	Install Selected
DF	Dialog Findings	DU	Dialog Usage	QU	Quit
DS	Dialog Summary	IA	Install All		
Select Action: Next Screen// Q					

After completing this dialog install, you will type Q.

You will then be brought back to this screen where you will type Q for quit

```
Component                                     Category  Exists
Source: [REDACTED]
Date Packed: 06/11/2020@08:42:58
Package Version: 2.0P35

Description:
The following Clinical Reminder items were selected for packing:
REMINDER DIALOG
  VA-COVID-19 INPATIENT ADMISSION H&P
  VA-COVID-19 INPATIENT PROVIDER

REMINDER TERM
  VA-REMINDER UPDATE_2_0_132

Keywords:

Components:
+ Enter ?? for more actions >>>
IA  Install all Components           IS  Install Selected Component
Select Action: Next Screen// Q
```

You will then be returned to this screen. At the **Select Action** prompt, type **Q**.

Install complete.

Post Installation

1. For reminder dialog VA-COVID-19 INPATIENT PROVIDER, you will need make some insertions:
 - a. Dialog element VAL-COVID-19 INPATIENT MEDICATIONS will need to have your object for active medications added
 - b. Dialog element VAL-COVID-19 INPATIENT LABS will need to have your lab objects for CBC, BMP, LFT, Troponin, BNP, PT/PTT/INR, D-dimer, Procalcitonin, CRP, LDH, Ferritin, CPK, Arterial blood gas
 - c. Dialog element VAL-COVID-19 INPATIENT CONSULTANT CONTACT INFO will need to have your local information placed for consultant contacts for Pulmonary/Critical Care, Nephrology, Palliative Care and Infectious Disease

- d. Dialog Element VAL-COVID-19 INPATIENT MEDICATIONS PN will need to have your object for active medications added into the Alternate Progress Note Text
2. **For reminder dialog VA-COVID-19 INPATIENT ADMISSION H&P, you will need to make some insertions:**
- a. Dialog element VAL-COVID-19 INPATIENT CONSULTANT CONTACT INFO ADMIT, will need to have your local information placed for consultant contacts for Pulmonary/Critical Care, Nephrology, Palliative Care and Infectious Disease
 - b. Dialog element VAL-COVID-19 DISPLAY ONLY will need to have your local objects for PROBLEM LIST, MEDICATIONS and ALLERGIES added
 - c. Dialog element VAL-COVID-19 INPATIENT IMAGES will need to have your local object for chest X-ray added
 - d. Dialog Element VAL-COVID-19 INPATIENT VIEW ALLERGIES will need to have your object for patient allergies added to the Progress Note Text
 - e. Dialog Element VAL-COVID-19 INPATIENT PROBLEM LIST will need to have your object for Problem List added to Progress Note Text
 - f. Dialog Element VAL-COVID-19 INPATIENT ACTIVE OUTPATIENT MEDS will need to have your local object for Active Medications added into the Dialog Text.
3. **Make the Dialog able to be attached to a Personal/Shared template or to a progress note title.**

From the Reminders Manager Menu:

Select Reminder Managers Menu Option: **CP CPRS Reminder Configuration**

- CA Add/Edit Reminder Categories
- CL CPRS Lookup Categories
- CS CPRS Cover Sheet Reminder List
- MH Mental Health Dialogs Active
- PN Progress Note Headers
- RA Reminder GUI Resolution Active
- TIU TIU Template Reminder Dialog Parameter**
- DL Default Outside Location
- PT Position Reminder Text at Cursor

Select CPRS Reminder Configuration Option: **TIU TIU Template Reminder Dialog Parameter**

Reminder Dialogs allowed as Templates may be set for the following:

- 1 User USR [choose from NEW PERSON]
- 3 Service SRV [choose from SERVICE/SECTION]
- 4 Division DIV [choose from INSTITUTION]
- 5 System SYS [NATREM.FO-SLC.MED.VA.GOV]

Enter selection: **5** *Choose the appropriate number for your site. Your site may do this by System or other levels. The example below uses SYSTEM level*

Setting Reminder Dialogs allowed as Templates for System:
Select Display Sequence: ?

148 VA-VETERANS CHOICE NOTE
149 VA-TBI SCREENING

*When you type a question mark above, you will see the list of #'s (with dialogs) that are already taken. Choose a number **NOT** on this list. For this example, looking above I see the number 150 is not present, so I will use 150.*

Select Display Sequence: **150**

Are you adding 150 as a new Display Sequence? Yes// **Y YES**

Display Sequence: 150// **<Enter>** 150

Clinical Reminder Dialog: **VA-COVID-19 INPATIENT ADMISSION H&P**
then **<enter>** reminder dialog NATIONAL

OK? Yes// **<Enter>** (Yes)

Repeat this process for Clinical Reminder Dialog **VA-COVID-19 INPATIENT PROVIDER**

4. Setup of Note title/ Associate the reminder dialog with the note title or shared template in CPRS

You will need to create two new note titles for these templates. The note titles needed are:

COVID-19 ADMISSION H&P NOTE

COVID-19 INPATIENT PROGRESS NOTE

The note title should be mapped to the following VHA Enterprise Standard Title:

INFECTIOUS DISEASE INPATIENT NOTE

Note: Comprehensive information on Creating Document Definitions can be found beginning on page 47 of the [TIU/ASU Implementation Guide](#)

5. Associate the new reminder dialogs with the note titles in CPRS

To do this, go to Template Editor, then Document Titles, select the appropriate folder (if applicable), and choose **New Template** (top right-hand corner).

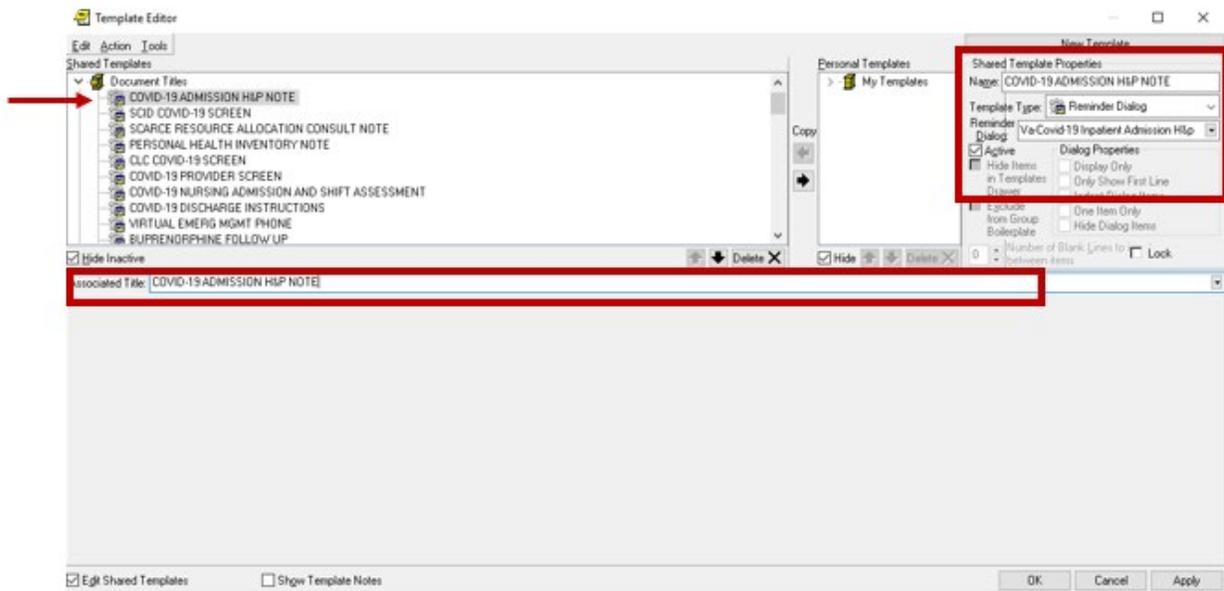
Type in the following information:

Name: **COVID-19 ADMISSION H&P NOTE**

Template Type: **Reminder Dialog**

Reminder Dialog: **VA-COVID-19 INPATIENT ADMISSION H&P**

Next, type in the Associated Title, which in this case is **COVID-19 ADMISSION H&P NOTE** and hit Apply.



6. Associate the new reminder dialogs with the note titles in CPRS

To do this, go to Template Editor, then Document Titles, select the appropriate folder (if applicable), and choose **New Template** (top right-hand corner).

Type in the following information:

Name: **COVID-19 INPATIENT PROVIDER**

Template Type: **Reminder Dialog**

Reminder Dialog: **VA-COVID-19 INPATIENT PROVIDER**

Next, type in the Associated Title, which in this case is **COVID-19 INPATIENT PROGRESS NOTE** and hit Apply.

